



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
OFFICE OF OCEANIC AND ATMOSPHERIC RESEARCH
Environmental Research Laboratories
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Silver Spring, Maryland 20910

JUN 11 1993

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Office of the Secretary
Federal Communications Commission
Washington, D.C. 20554

Gentlemen:

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93-59 /
This letter is in comment to the Notice of Inquiry FCC
93-136 and supports the proposal of the Radian Corporation
(RM-8092) to accommodate non-Government wind profiler radars
in a band centered on 915 MHz.

During the 1980's, staff of the Environmental Research Laboratories (ERL) of the National Oceanic and Atmospheric Administration (NOAA) conceived, developed, fabricated, and deployed small, mobile, and inexpensive 915 MHz radars capable of measuring the profile of winds from about 100 to 3000 meters above the surface of the Earth. Their value in meteorological and climatological research and acid rain and air pollution studies was amply demonstrated in field experiments carried out throughout the United States and internationally. In light of this success, ERL entered into a Cooperative Research and